



Saturday Morning

A series of physics lectures and tours for high school students given at Fermilab, the world's premier particle accelerator.

This is a first hand opportunity to see and hear about real science happening right now!

Three 9-week sessions are offered in the Fall, Winter and Spring quarters. Each session is held at 9 a.m. on Saturday mornings on the 6800 acre Fermilab site in Batavia, Illinois.

You will hear lectures on:

- Introduction to Particle Physics
- Cosmology
- Accelerators and Beam Transport
- Particle Physics Detectors
- Quantum Physics
- Relativity
- Physics and Society

You will tour:

- Wilson Hall 15th floor Observation Area
- Linear Accelerator and Control Room
- The collider detectors CDF and D0
- Feynman Computing Center
- Silicon Detector Facility
- Magnet Facility

 **Fermilab**

To join this program, contact your science teacher, administrator, or go to our web site at:

<http://www-ppd.fnal.gov/smp-w>

Physics